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ABSTRACT

An extensive opinion survey and feasibility study was undertaken to determine whether student and adult residents of Cameron, Clearfield, and Elk counties, Pennsylvania felt a need for a community college "without walls" to serve the area. The college without walls involves using existing educational facilities in local areas without building new buildings, offering courses throughout the area in convenient geographic locations, obtaining instructional services from existing institutions and personnel, and effecting an open admissions policy. Survey responses came from over 4,000 high school students, from over 2,400 adults, and from nearly 70 business, industry, and professional persons; responses indicated a generally favorable attitude toward the proposed college program. In evaluating survey results and comparing them with actual experiences at other state community colleges, a first year enrollment of from 150-200 full-time equivalent (FTE) students was reasonably projected, with enrollment growing to 500-550 over the first five years. Students would be both recent high school graduates and adults. The greatest interest of respondents was in two-year technical or career training programs. Funding is discussed, administrative organization is reviewed, and the various survey forms are appended. (TR)

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FEASIBILITY STUDY OF A REGIONAL COMMUNITY COLLEGE WITHOUT WALLS SERVING THE COUNTIES OF CAMERON, CLEARFIELD AND ELK

AUGUST, 1976

JC 780 158

THIS FEASIBILITY STUDY HAS BEEN CONDUCTED AT THE REQUEST OF THE BOARDS OF COUNTY COMMISSIONERS OF THE FOLLOWING COUNTIES:

CAMERON COUNTY

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CLEARFIELD COUNTY

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EXECUTIVE SUMMARY

This report, sponsored by the Commissioners of Cameron, Clearfield, and Elk Counties, contains the results of an extensive opinion survey and feasibility study to determine whether a need is felt among the student and adult residents, and the business, industrial and professional representatives for a community college "without walls" to serve the three-county area.

The concept of a "college without walls" which is the subject of this study has the following major characteristics:

- Existing classroom, library and laboratory facilities in the local area are utilized and no new buildings would be built;

- Instructional services would be obtained from existing postsecondary institutions, area vocational technical schools, part-time instructors who are qualified in their specific areas, and through cooperative efforts of local business and industry;

- Classes would be offered at various geographic locations throughout the three-county area as dictated by reasonable commuting distances, class size, and scheduling of resources; and counseling and registration services would be similarly decentralized;

- Programs can be offered leading to the Associate Degree in technical and career areas, or two years of credits can be earned for transfer to a full four-year college program at another institution, or programs of less than two years duration can be developed to fulfill the specific employment needs of residents and business in the area;

- Because there is no need for large capital investment and because of the Commonwealth assistance provided for under the Community College Act of 1963, community college education can be brought to the residents at a cost to the full-time student of less than $500 per year and to the part-time student at approximately $20 per credit; student financial assistance grants would also be available;

- An "open admissions" policy would be in effect assuring that all citizens of the area have the opportunity for enrollment; and

- Control over the college policies and philosophy is the responsibility of the local Board of Trustees appointed by County Commissioners.

Survey responses received from over 4,000 students in the 10th, 11th and 12th grades; from over 2,400 adult residents and from nearly 70 business, industry and professional persons indicated a generally favorable attitude toward the community college program. In conservatively evaluating the survey results and comparing them with actual experiences of the other 14 community colleges in Pennsylvania, it appears that a first year enrollment of from 150 to 200 full-time equivalent (FTE) students can be reasonably expected, with the enrollment expected to grow to some 500 to 550 FTE students over the first five years. The students would be a combination of recent high school graduates and adults. The greatest amount of interest was in two-year technical or career training leading to a certificate or an Associate Degree. Specifically, the most interest was expressed in accounting and bookkeeping, secretarial, mechanics, electronics, business and nursing fields.

Fiscal estimates indicate an expected cost of $1,540 per FTE student the first year when enrollment would be relatively low; declining to some $1,270 per FTE student when enrollment increases after five years. Under the Community College Act, at least one-third of the cost is paid by the Commonwealth, up to one-third by the student, and the balance (slightly less than one-third) by the local sponsoring counties. Assuming a first year enrollment of 150 FTE students and a student tuition cost of $475 the first year, the Counties share would be some $74,200 (495 per student). In the fifth year, with an enrollment of 500 FTE and a student tuition of $424, the Counties share is estimated to be approximately $182,000 ($364 per student). The report also suggests a cost-sharing formula between the three counties based on population, market value of real estate and total tax collections, however, the Commissioners may choose to utilize other methods.

The report also proposes an administrative organization for the "college without walls" outlining the major roles of the Board of Trustees, the President and other administrative and operations personnel. Copies of survey forms, detailed survey results and other background information are contained in appendices to this report.

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ACKNOWLEDGMENTS

This feasibility study was conducted with financial assistance from the Pennsylvania Department of Education. In addition to the financial assistance, valuable support and data were obtained from staff members of the Commissioner for Higher Education and the Division of Education Statistics of the Bureau of Information Systems.

In the Cameron, Clearfield and Elk County areas, the Executive Director and staff of the Central Intermediate Unit and the Seneca Highlands Intermediate Unit, the Superintendents of Schools, School Board Members, Chambers of Commerce, librarians, and other local officials have been very helpful in distributing survey forms and providing specific information and assistance. In particular, The Cameron County Echo (Emporium), The Clearfield Progress, The Daily Journal (Philipsburg), The Daily Press (St. Mary's), The DuBois Courier, and The Ridgway Record have contributed significantly by printing survey forms as a public service and in providing fair and complete news coverage.

INTRODUCTION

Questions concerning the potential need for additional postsecondary educational opportunities in the Cameron, Clearfield and Elk Counties have been discussed for a number of years by County Commissioners, public school district officials and business and industry leaders in the area. The increasing technological and intellectual requirements of many vocational areas and the desire to provide opportunities for area residents to improve their capability, employability and general knowledge, combined with the fact that the enrollment of high school graduates in the three-county area in postsecondary education is lower than the state average, have caused these valid questions and concerns.

In early 1976, the Commissioners, of Cameron, Clearfield and Elk Counties met with the Coordinator for Two-Year Institutions and the Coordinator for Community Colleges from the Office of Higher Education of the Pennsylvania Department of Education. After discussions of current concepts in community college education, an application for financial assistance to conduct a feasibility study of a community college/technical institute "without walls" was submitted to and approved by the Department. Local Government Research Corporation (LGR) was engaged to conduct the feasibility study for the Commissioners. In their guidance to LGR, the Commissioners made it clear that they had no preconceived opinion concerning the need for community college programs, and were interested in the feasibility study to aid them in forming an opinion concerning sponsorship.

The Commissioners invited a representative of the Region 4/5 Higher Education Planning Council, the Directors of the Intermediate Units, the Superintendents of Schools and a School Board Member from each of the school districts in the three counties, as well as the Director of the Pennsylvania State University, DuBois Campus and the Director of the DuBois Business College to act as an Advisory Committee to the Commissioners and LGR. The Advisory Committee met initially to review the plans for conducting the survey, the mechanics for distributing and receiving the survey forms, and to review and make suggestions relative to the design of the survey forms and an information brochure. A second meeting was

held to discuss the preliminary survey results and the various education delivery system alternatives. Draft copies of this report were distributed to the Advisory Committee members and their comments and suggestions were solicited and incorporated.

This report describes the survey responses obtained from high school students, adults, representatives of business and industry, and professional persons in the area. The implications of the responses, in terms of expressed need for a community college "without walls" and potential enrollments have been developed. Financial projections have been made of costs to the local sponsors, to students and to the Commonwealth. Based on these estimates and projections, an implementation plan is outlined and the operation of a community college "without walls" is briefly described.

SUMMARY OF SURVEY RESULTS AND RESOURCES

Student Survey

Over 7,000 survey forms were distributed to 10th, 11th and 12th grade students in public and parochial schools in Cameron, Clearfield and Elk Counties along with a brochure describing the "community college without walls" concept (See Appendices). The forms were completed by the students under the supervision of a homeroom teacher and returned by the teachers to the school district office to LGR. The data on the forms were keypunched and all tabulating and analysis was done on a computer.

The table below summarized the number of forms distributed, the total number returned, and the responses from "in-county" students.

Name of School District	Number of Survey Forms Distributed	Number Returned	Percentage Returned	"In-County" Response
Cameron	393	280	71%	273
Clearfield	980	786	80%	762
Curwensville	295	29	10%	29
DuBois	1,071	827	77%	617
Glendale	265	185	70%	117
Harmony	135	99	73%	84
Johnsonburg	347	298	86%	294
Moshannon Valley	375	228	61%	222
Philipsburg	745	370	50%	180
Ridgway	512	311	61%	304
St. Marys	942	598	63%	578
West Branch	389	201	52%	197
Parochial Schools	600	500	91%	496
TOTALS	7,049	4,712	67%	4,153

The term "in-county" refers to those students who indicated on the form that their residence was in Cameron, Clearfield or Elk Counties. Because these three counties are considering sponsorship, only the returns

from residents of these counties have been tabulated.

The return from Curwensville is low because, in the rush of activity at the end of the school year, the forms were not distributed in the schools. LGR mailed survey forms to 11th and 12th graders and only 29, or approximately 10% were returned. In conversations with school district officials from Curwensville, it is believed that the economic, educational, social and other characteristics of this district are quite similar to Clearfield and similar conclusions can be drawn.

It will be noted that in the survey questions to be discussed below, the total number of responses will not always total 4,153 because some students did not answer all questions or improperly marked the form.

Detailed listings of responses to the survey questions by grade, county, and in some cases, school district are contained in Appendix IV and copies of the survey forms in Appendix III. In this section only those responses which are essential to determining need and feasibility will be highlighted. For further details, the appendix may be consulted.

As a guide to how well the survey responses correspond with actual activities of students in the three-county area, Figure 1 illustrates the post-graduation activities of the 1974 high school graduates. This data has been drawn from "Our Schools Today" Volume 14, Number 1, Pennsylvania Department of Education.

Responses to the survey questions dealing with sex of the respondent grade, and county of residence indicated that the sampled population is generally representative of the student population as a whole in terms of these characteristics.

Question #7 dealt with the student's grade average and indicated the following:

A - 604 B - 2,112 C - 1,239 D - 126 Below D - 19

The response to this question would indicate that at least half of the students have the potential for continuing education beyond high school.

Post-High School Activity	Number Of Graduates: Cameron	Clearfield	Elk	Total	3-County Percentage	Statewide Percentage
College or University Outside Pennsylvania	13	55	9	77	3	7
Community College		22	7	29	1	6
Private Junior College		20		20	1	1
The 13 State Colleges and Universities	18	96	52	166	7	9
Commonwealth Universities*	17	151	49	217	10	8
Independent Colleges and Universities (4 yr.)	6	34	23	63	3	7
Business or Technical School (AST or ASB deg.)**	10	30	18	58	3	2
Business School (nondegree)		12	3	15	1	1
School of Nursing	1	14	11	53	2	2
Vocational-Technical School	2	56	12	70	3	2
Other School	1	21	5	27	1	1
Post-graduates			1	1		
Armed Services	4	78	30	112	5	4
Clerical Workers	2	87	33	122	5	8
Farm Workers		10	3	13	1	1
Homemakers	5	76	24	105	5	2
Laborers (Unskilled)	10	311	176	497	22	8
Operatives(Semi-Skilled)	15	51	11	77	3	4
Professional-Technical Workers		10	10	20	1	1
Sales Workers	3	34	27	64	3	5
Service Workers	4	71	8	83	4	4
Skilled Crafts Workers		49	15	64	3	3
Unemployed	6	83	30	119	5	6
Unknown	9	103	35	147	7	9
TOTAL	126	1501	592	2219		

* Includes Lincoln University, The Pennsylvania State University, University of Pittsburgh and Temple University.
**AST - Associate in Specialized Technology; ASB - Associate in Sepcialized Business

Figure 1. DISTRIBUTION OF 1974 PUBLIC 12th - GRADE GRADUATES

Question #8 inquired whether the student had plans to continue education beyond high school. Of the 4,159 valid responses to this question, 1,714 indicated a "yes"; 1,042 marked "undecided"; and 1,403 indicated "no". The "yes" responses represent 41% of the respondents. Referring to Figure 1, a total of 796 (or 36%) of the 2,219 graduates in 1974 actually did enter some form of post-secondary education. On a statewide basis, an average of 48% of graduating high school seniors enter post-secondary education. It would appear that these percentages indicate the survey results of this question agree fairly well with recent experience. It also should be noted that the percentage of high school graduates in the three county areas entering post-secondary education is considerably lower than the statewide average.

Question #11 dealt directly with whether the students feel the need for a community college program in their local area at a cost of some $500 per year. A total of 506 students (13%) answered "yes"; 1,004 or 26%, "probably", 1,249 or 32% indicated "uncertain" and 1,089, representing 28% stated "no".

Of the students responding "yes" or "probably" to this question, 261 of them had previously indicated no interest in continuing their post-secondary education in Question #8. This would seem to imply that these students initially felt that traditional post-secondary education was not feasible for them for one reason or another, but when the information brochure and the brief community college description were presented, the interest was there. This implication is supported by the responses to Question #12 in which the most frequently marked reasons for an interest in community college programs were:

"Can live at home"

"Can keep job and attend"; and

"Low Cost".

Question #13 asked those persons answering "yes" or "probably" to Question #11 which community college program they would likely choose. Approximately 21% expressed interest in a college transfer program; 38%

noted technical training at less than the Associate Degree level; and 41% were interested in two-year professional career training.

Question #14 contained an array of vocational or employment areas and the students were asked which one they were considering entering when they complete further education or training. Again, of those responding "yes" or "probably" to Question #11, the most interest was expressed in the following fields:

Accounting	Electronics
Secretarial	Business
Mechanics	Nursing

Other areas of significant interest were beautician/barber, conservation, arts, engineering, law enforcement, medicine and social work. These interest areas are typical of the programs with highest enrollments in the existing community colleges in Pennsylvania as reported by the "Directory Listing of Curriculums Offered in the Community Colleges of Pennsylvania" Pennsylvania Department of Education, 1976.

As noted earlier in this section, only summaries of the student survey results have been outlined here. County-by-county and school district breakouts of the data are contained in Appendix IV.

Adult Survey

Students in grades 2, 4, 6, 8, 10 and 12 were asked to take an adult survey form and the information brochure home to their parents, ask them to complete the form and return the completed survey with the student to the homeroom teacher. As would be expected, the number of returned surveys (approximately 25%) is considerably lower than the number of surveys distributed, however a representative sampling has been obtained. In addition to approximately 12,000 surveys that were distributed through the schools, another 3,000 were made available to interested citizens through libraries, service and social clubs, chambers of commerce, county courthouses, labor unions and local governments. Copies of the survey form were also printed at least twice in all the newspapers in the three counties.

The total number of adult surveys returned was 3,026. Of these, 402 were returned from residents of a county other than Cameron, Clearfield or Elk Counties. When these out-of-county surveys were subtracted from the total number of adult surveys returned, there remained 2,542 adult surveys from the three county study areas.

Considerably more females (69%) were among the respondents to the adult survey than males (31%). All but 112 respondents indicated they were the parent of a school age child. The distribution of respondents by county was:

Cameron	290	11%
Clearfield	1,802	71%
Elk	450	18%
Totals	2,542	100%

The proportions of the total population of the area in each county are: Cameron 6%, Clearfield 62%, and Elk 32%. Therefore, as a proportion of population, Cameron and Clearfield are slightly over-represented by the survey returns, while Elk is somewhat under-represented.

In response to the question concerning the need for a community college program to serve the three-county area, 1,946, or 80% indicated "yes". The percentages of "yes" responses in each of the three counties were as follows:

Cameron	92%
Clearfield	76%
Elk	88%

Question #3 of the adult form inquired about the interest of the respondents in participating in community college programs noting a tuition cost of approximately $20 per credit and offerings in their local area. Some 445 persons indicated a "yes" response, while 554 marked "probably". Thus, a very large proportion (41%) noted a significant interest. In a similar survey conducted in Chester County in 1973, 36% of these who responded felt that they would participate in community college programs.

When asked about the program in which they would be interested in enrolling, the responses were as follows:

Part-Time Evening	666	69%
Part-Time Day	240	25%
Full-Time	57	6%

The preference for evening programs is understandable among adults because of employment and/or home care responsibilities of many persons during the day. This preference should be considered when instructional schedules are being developed.

The question concerning the kind of community college program the respondee would be most interested in, the responses were as follows:

College Transfer	102	11%
Technical Training	152	17%
Two-Year Career Training	301	33%
Cultural Improvement	60	7%
General Knowledge	294	32%

It is believed significant that in the above distribution, 50% of the responses indicate an interest in technical or two-year career training presumably leading to improved employment opportunities.

Question #6 contained an array of vocational choices similar to those in the student questionaire. Persons responding to the question concerning the vocational areas which they hope to pursue through additional education indicated greatest interest in the following programs:

Nursing	Beautician/Barber
Secretarial	Business
Teaching	Accounting
	Social Work

Additional details concerning the adult survey responses are contained in Appendix IV.

Business and Industry Surveys

Using lists from Chambers of Commerce and the Pennsylvania Industrial Directory, 192 questionnaries and information brochures were sent to a wide variety of business and industrial representatives, distributed among the three counties in approximate proportion to relative populations. Fifty-eight surveys were returned representing a 30% response.

A total of 9,588 persons are employed by the companies responding to the questionnaire. Only 8 companies (14%) indicated that none of their employees required education beyond high school, but at less than the bachelor's degree level. Thirty of the companies indicated that between 1% and 20% of their employees required such training.

Forty-one of the companies (71%) indicated they have employment opportunities for people with two years of technical or semi-professional training beyond high school, and 38 of the companies believed this need will increase during the next ten years.

All of the companies indicated that they felt some proportion of their employees would like to obtain training beyond high school. Thirty-eight of the companies believed that between 21% and 40% of their employees would be interested in such training.

The majority of the companies (i.e. 38 or 67%) do not have in-company training programs for employees with less than four-year college level training.

When asked the attitude toward establishment of programs of two-year training and two-year transferrable liberal arts programs, the responses were as follows:

Very Favorable	18	32%
Favorable	19	34%
Undecided	11	20%
Unfavorable	8	14%

On the basis of these responses, over 65% of the companies favor, to

one degree or another, establishment of additional training and educational programs.

The specific types of training which the business and industry respondents believed to be of value to their organization which were most frequently noted were as follows:

- Bookkeeping and Accounting
- Business Management
- Machine Shop Practice
- Management Development
- Clerical Practice
- Inspection and Quality Control
- Marketing
- Secretarial
- Drafting and Print Reading

Further details of the business and industry survey are contained in Appendix IV.

Professional Survey

Of the 49 surveys sent to doctors, dentists, attorneys, engineers, architects and other professional persons in the three-county area, only thirteen (27%) were returned. These professionals employ a total of 60 persons.

In response to the question concerning the perception of a need for two-year community college-trained personnel, there was nearly an even split, with six responding "yes" and seven "no". At the same time, five professionals felt that existing post-secondary educational facilities in the area were adequately serving their needs, while seven felt that they were not.

When asked to indicate what specific types of occupational training programs would be desirable, the following responses were received from two or more respondents:

- Medical Secretarial
- General Secretarial
- Accounting
- Dental Assistant & Hygienist
- General Business
- Health and Welfare Services
- Legal Secretarial
- Medical Lab Technician
- Nursing

Existing Postsecondary Institutions

There are several existing postsecondary educational institutions either located in or nearby the three county study area with which a community college can cooperate, jointly plan and otherwise develop interinstitutional arrangements. Chief among these possible arrangements is expected to be contracted services of these institutions in providing certain instructional programs in the several ways described earlier.

The largest of the existing postsecondary institutions in the study area is the DuBois Campus of The Pennsylvania State University. In addition, the main campus of Pennsylvania State University at University Park is approximately sixty (60) miles from the center of the three county area. As noted in figure 1, over 200 of those graduating from high school in 1974 entered a Commonwealth University, most of these being in the DuBois or main campus of Pennsylvania State University.

The University of Pittsburgh branch campus at Bradford also enrolls students from the Cameron, Clearfield and Elk County area, as does the Clarion State College and the Indiana University of Pennsylvania. These institutions are between forty (40) and fifty (50) miles from the center of the study area.

Located in the study area is the DuBois Business College, a proprietary school offering programs to approximately eighty-five (85) to one hundred (100) FTE students from its facilities in DuBois. The Clearfield Area Vocational Technical School and the Jefferson County Vocational Technical School in Reynoldsville offer programs in their respective areas. Neither Cameron or Elk Counties currently are served by a vocational technical school, however plans for such a facility are being prepared.

ENROLLMENT PROJECTIONS

The student and adult survey response has been utilized as the basic source for estimating potential enrollment in a community college program serving Cameron, Clearfield and Elk Counties. There are also sources of statistics of enrollments at other community colleges in Pennsylvania which have been used to substantiate the survey results and to aid in preparation of the enrollment projections.

As indicated in the previous section of this report, the responses to the survey questions dealing with an interest by high school students in attending a community college were as follows:

	10, 11, 12 grades	12th Grade Only
Yes	482	176
Probably	946	273
Uncertain	1,312	331
No	1,036	359

In community college feasibility studies of this type conducted in other areas of Pennsylvania, the assumption has been made that 60% of those answering "yes" and 40% of those answering "probably" to a similar question represents a reasonable estimate of the expected freshman enrollment in the first year of operation. Applying these percentages to the 176 "yes" responses and the 272 "probably" responses above would produce an estimate of 215 students enrolling directly following graduation from high school in the first year. A similar number could be expected the second year for a total of 430 FTE students after two years. This number is, of course, based on the survey responses which were received and which represents only some 70% of the total enrollment. If responses had been received from the other 30% of the students, the estimate would probably be higher. It should be pointed out however, that not all students would enroll on a full-time basis.

It has been determined by the Department of Education that, in those

counties which have community colleges, approximately 9.5% of the graduating high school seniors enroll in the community college. The number of public high school graduates in the 1974 - 75 school year from the three counties was as follows:

Cameron	114
Clearfield	1,439
Elk	625
TOTAL	2,178

Taking 9.5% of this total yields 207 students which could be expected to enroll in a community college after high school graduation based on the above experience. The above numbers do not include some 200 parochial school graduates. Assuming the 9.5% relationship would remain the same, this would indicate another 19 potential students from parochial schools in the first year. Over two years, this estimate would indicate approximately 450 FTE made up of recent high school graduates.

Using a third approach, Department of Education statistics indicate that community college enrollment in those counties having such institutions ranging from a low of approximately 3.5 FTE students per 1,000 population in Westmoreland County to over 11 FTE students per 1,000 in Butler County. Applying a very conservative 3.0 FTE students to the Cameron, Clearfield, Elk area county population of 119,000 would indicate some 358 full-time equivalent students. Using 11 FTE per 1,000 population would indicate 1,300 FTE.

Of the some 2,500 adults responding to the survey, nearly 1,000 indicated an interest in enrolling in a community college program. Of course this proportion of interest (i.e. 40%) cannot be extrapolated to the rest of the population of the area, however, it does appear to indicate a significant interest. For purposes of estimating potential adult enrollment, only the actual responses will be considered. The

responses are as follows:

Yes	445
Probably	554
Uncertain	687
No	760

Utilizing 60% of "yes" responses and 40% of "probably" responses as estimators of actual enrollment would yield the potential of 488 adults entering into community college programs. If each adult enrolls for only one 3-credit course per semester, then the 488 adults would be equivalent to some 122 FTE students per semester.

Every attempt has been made in developing the above estimates to be conservative and to avoid projecting unrealistically high numbers. The FTE estimates are important in making the financial analysis. If the estimates are too high then the actual costs may be higher than projected. If actual enrollment is higher than projected, the per student administrative costs, and therefore, the overall per student costs should be lower.

Based on the data presented above, and in order to continue to maintain a conservative basis for the financial analysis, the following full-time equivalent student enrollment is projected for the first five years of operation:

	1st Year	2nd Year	3rd Year	4th Year	5th Year
Total Enrollment (FTE)	150-200	250-350	350-400	450-500	500-550

The trend in enrollment increases indicated in the above estimate is generally consistent with what most community colleges in Pennsylvania have experienced during the first five years of operation. As indicated above, the enrollment estimates have been made in terms of a range of values (e.g. 150 to 200), however, the cost estimates will reflect the effect of enrollments at the lower end of the range.

IMPLEMENTATION GUIDELINES AND SCHEDULE

The Community College Act of 1963 (Act 484), along with Department of Education Rules and Regulations, specify the procedures to be followed in establishment of a community college. The basic steps are outlined in the chart on the following page.

When the potential sponsor of a community college is a county or several counties working together, the first step is to review and evaluate the feasibility study in terms of such factors as need and cost (#1 on chart). If a decision is made to go ahead, the feasibility study is formally endorsed by the Commissioners and a Preliminary Plan is prepared (#3). This Plan may be developed in a relatively short time by the sponsors or their designees or with outside consultant assistance, and the cost of the Plan is paid by the Commonwealth.

When the Preliminary Plan is completed to the satisfaction of the Commissioners, it is submitted to the State Board of Education for approval (#4). Within 60 days after approval, the local sponsors appoint a Board of Trustees for the community college (#5). The Board of Trustees may consist of from seven to fifteen members representing the various geographic areas of the three counties, as well as a cross-section of business, industry labor, professions and other groups. Trustees are normally appointed for a six-year term, however, one-third of the initial Board shall have two-year terms and one-third four-year terms; decided by drawing lots. Trustees may be reappointed after their terms expire.

The Board of Trustees is an unpaid policy-making body and appoints a President to administer and manage the affairs of the college (#6). Under Act 484, the Board has the power to enter into contracts; to accept and receive federal, state and local money and grants; to make expenditures; to establish policies for admission, expulsion, courses of instructions, tuitions, and similar matters; and to perform other duties necessary to carry out the purposes of the Community College Act.

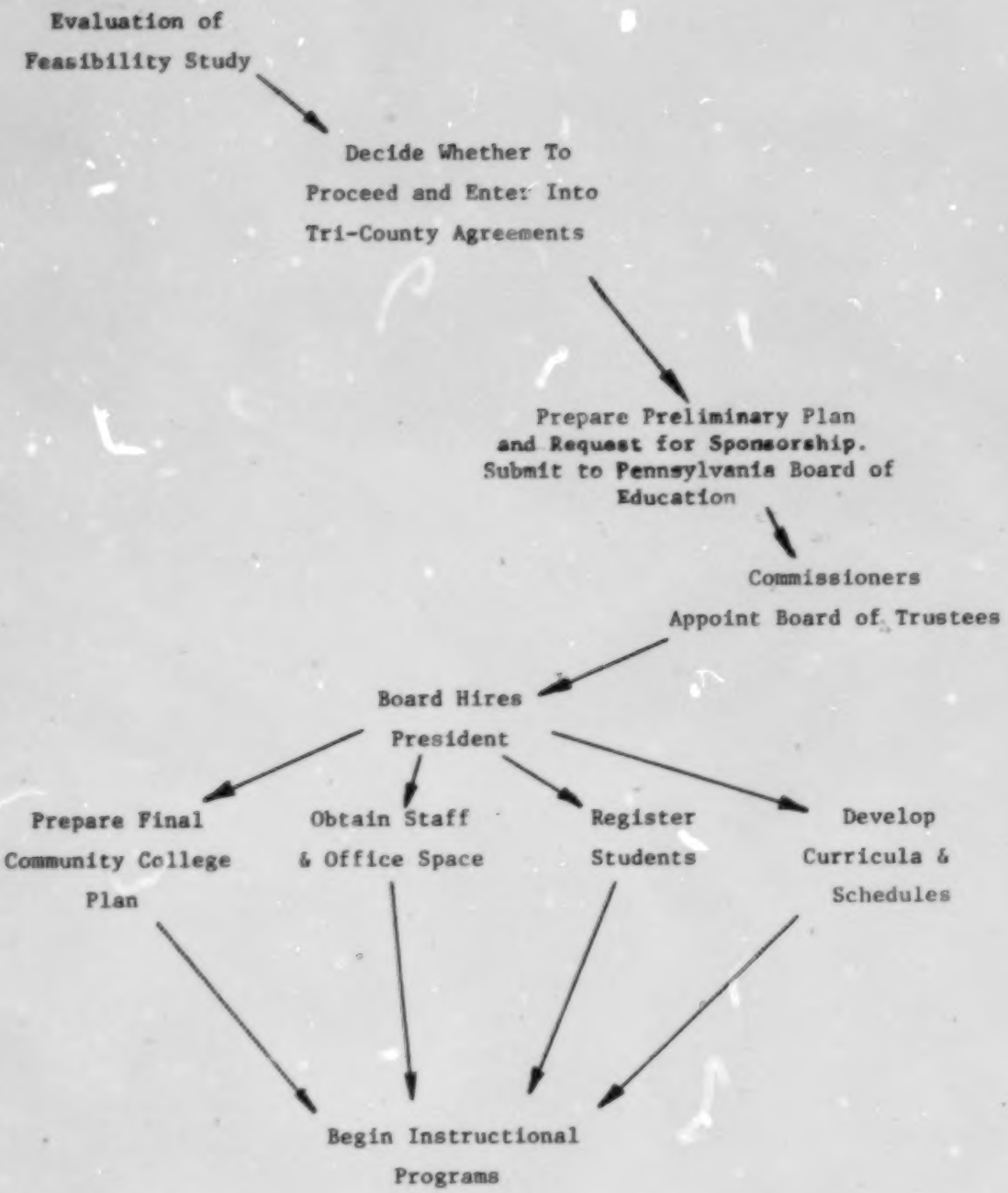
Evaluation of Feasibility Study
Decide Whether To Proceed and Enter Into Tri-County Agreements
Prepare Preliminary Plan and Request for Sponsorship. Submit to Pennsylvania Board of Education
Commissioners Appoint Board of Trustees
Board Hires President
Prepare Final Community College Plan
Obtain Staff & Office Space
Register Students
Develop Curricula & Schedules
Begin Instructional Programs

Figure 2. BASIC STEPS IN ESTABLISHING THE COMMUNITY COLLEGE

SUMMARY OF PROPOSED COMMUNITY COLLEGE ORGANIZATION AND OPERATION

As indicated in the previous section, the Board of Trustees will appoint a President of the college who will have overall responsibility for management and administration. The President will provide leadership of the college through interpreting and carrying out the philosophy, goals and policies of the Board. He will supervise the operation, obtain and maintain accreditation or licensuring of the college and individual programs, approve college procedures and regulations, approve college committees and advisory groups, administer the college budget through other staff members, and carry out other duties as may be assigned by the Board.

Figure 3 illustrates a proposed initial organizational chart. In general terms, the Dean of Instruction is responsible for establishing and maintaining the college's instructional programs. This includes development of curricula; developing enrollment projections, making arrangements for contracted services from educational institutions and other sources; establishing faculty and classroom requirements, and related matters. As indicated in the figure, it is possible that this position could be filled initially by the President until enrollment increases and other duties require hiring a full-time person. This decision can be made by the Board at the appropriate time.

The Business Manager will maintain the budget and a chart of accounts, prepare financial and administrative reports for state and federal agencies, receive and account for funds, make expenditures after approval, and perform similar duties which may be assigned.

Because of the nature of the college without walls, the function of the Director of Admissions and Records and his field staff will be unique and will require considerable flexibility and effort in order to provide counseling, guidance and registration services at several decentralized locations throughout the three county areas.

It is expected that at least three counseling/registration centers will be established in the area offering "one-stop" services to students in the form of career and personal counseling, information concerning admission, financial aid and benefits; and that students may also be

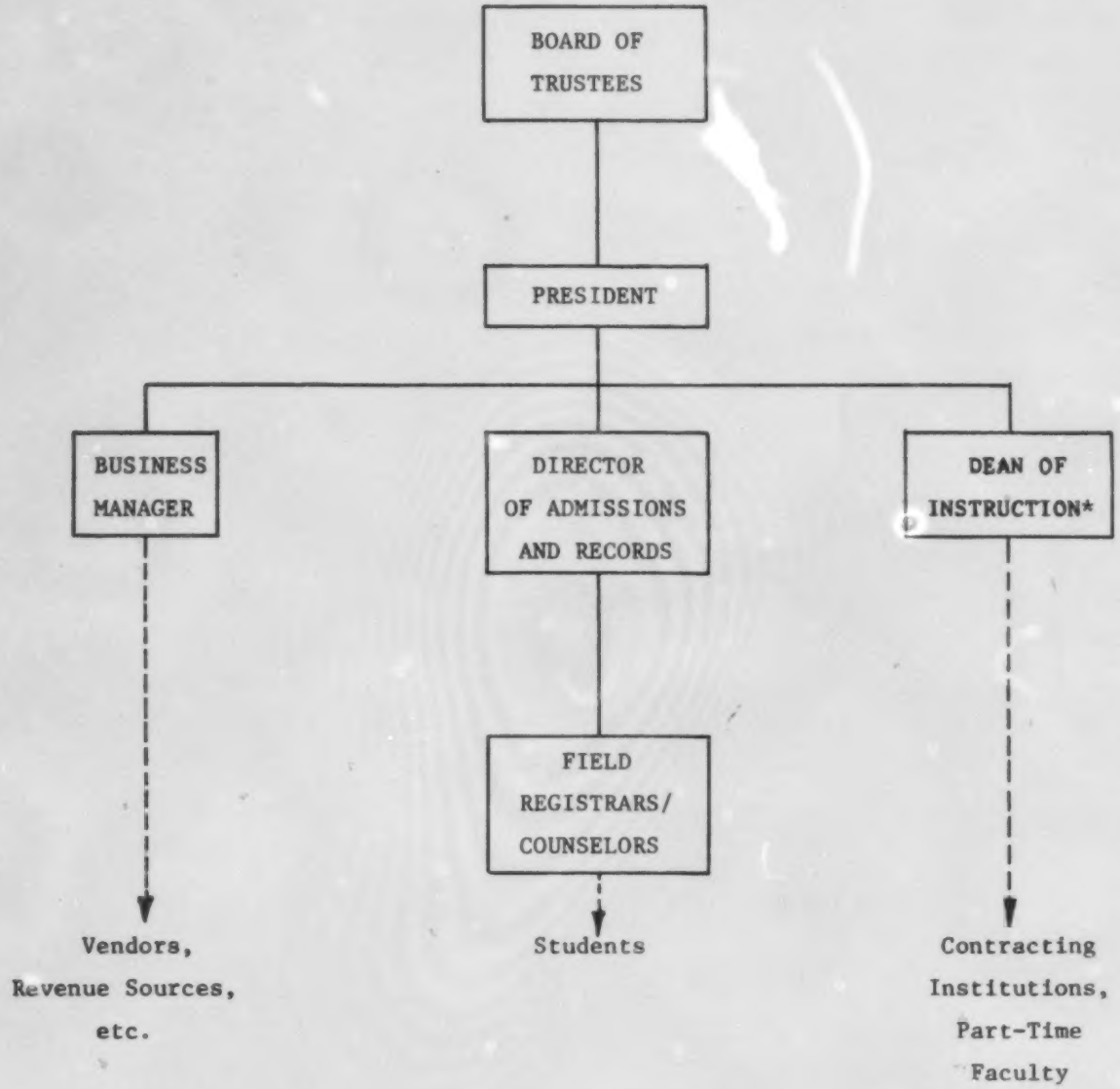

FIGURE 3. Organization Chart.

*This function may be carried out by the President in the first year or two of operation.

registered, scheduled for classes and pay tuition at the center in the local area. Initially, the Director of Admissions and Records, assisted by one Field Counselor/Registrar, are expected to be sufficient to service three centers on a scheduled part-time basis. Close coordination, good communication and careful planning will be essential to arrange course offerings which will allow a student to complete his particular program in a reasonable time without the need for extensive travel to classes.

It is expected that instructional services can be provided by a combination of the following methods:

(1) Contracts with existing post-secondary institutions in the area to provide for community college students to attend and receive credit for classes which these institutions are regularly offering to their own students:

(2) Contracts with existing post-secondary institutions and AVTS to provide an instructor and materials for particular community college classes at one or more locations throughout the area;

(3) Agreements with qualified high school and college level instructors to present one or more classes on a part-time consulting basis;

(4) Agreements with professional or business people in the area to conduct classes in the specialized area for which they are qualified; and

(5) Certain work-study arrangements with professional, commercial or business establishments in the area.

Arrangements for classroom space, laboratory facilities and similar needs can be arranged in existing public and private schools, libraries, industry and business facilities, municipal buildings, service and social club buildings, or through the rental of suitable space in office and other private buildings.

FINANCIAL ANALYSIS

The Community College Act and its accompanying rules and regulations specify the amount of state assistance offered to community colleges/ technical institutes and also the ways in which local revenue may be provided. The essential elements of the cost sharing formula are as follows:

(1) The Commonwealth shall pay one-half of the operating costs during the start-up phase until the time classes begin. After classes begin, the Commonwealth shall pay one-third of the operating costs per student (FTE) up to a maximum of $1,500 per year. In addition, Act 173 of 1974 provides that the Commonwealth will pay an additional $150 per FTE for each student in certain vocational programs as defined in the Act. In other words, the Commonwealth shall pay up to $500 per student plus $150 for each vocational student.

(2) Funds are also received from student tuition charges which may not exceed one-third of the total annual operating costs. As noted elsewhere in this study, the average total operating cost for community colleges in Pennsylvania was $1,308 in 1974, the average tuition charge was $475 per year in 1975 for residents of the sponsoring counties or school districts.

(3) The local sponsor (i.e. Cameron, Clearfield and Elk Counties) shall provide contributions which are the difference between the operating costs and the total paid by the student and the Commonwealth. Since the student's share can be one-third, and, because of the additional funds received for students in vocational programs, the County's share will be less than one-third, or less than $500 per student per year. The County's share can be further reduced by grants, gifts, endowments and other sources of funds.

In this section of the feasibility study, the start-up and total operating costs are estimated for a five year period and then allocated according to the above rules. A key to estimates which will be used to make decisions concerning large expenditures is to be conservative. The numbers of Full-Time Equivalent (FTE) students are believed to be very

conservative, and if more students actually enroll than have been estimated, the per student costs will be lower. Similarly, costs have been estimated with some slack built in on the high side. Careful operations and effective negotiation for instructional services may well reduce these estimates.

The cost estimates have been based on the assumption that community college classes can begin in September, 1977 or January, 1978, and that in either case, a decision will be made in the next few months and a Board of Trustees can be formed and initial operating personnel can begin work early in 1977. This relatively short time assumed for beginning operations is made possible only because of the "without walls" concept of the community college.

Two basic kinds of cost are considered - administration and instruction. As will be noted from the cost estimates, when the enrollment is still low in the early years, the total administrative costs are considerably higher than the instructional costs, however this relationship changes as enrollment grows.

The major activities and costs during the "start-up" phase, are contained in the chart of Figure 4. These costs, which are anticipated until the time that classes begin, total $75,700. As noted earlier, the Commonwealth will pay 50% or $37,850 while the local share from the Counties would also be $37,850.

The estimated total operating costs for the first five years of operation are shown in Figure 5, including estimates of the Commonwealth, student and local share. The full-time equivalent (FTE) student enrollments used in estimating the costs are from the lower estimates made earlier in this report. Higher enrollments than estimated will result in lower "per student" cost. It is also assumed that 38% of the students would be in "terminal non-liberal arts programs" which would qualify for the additional $150 of state aid per FTE. This percentage is the same as is currently being experienced in community colleges statewide.

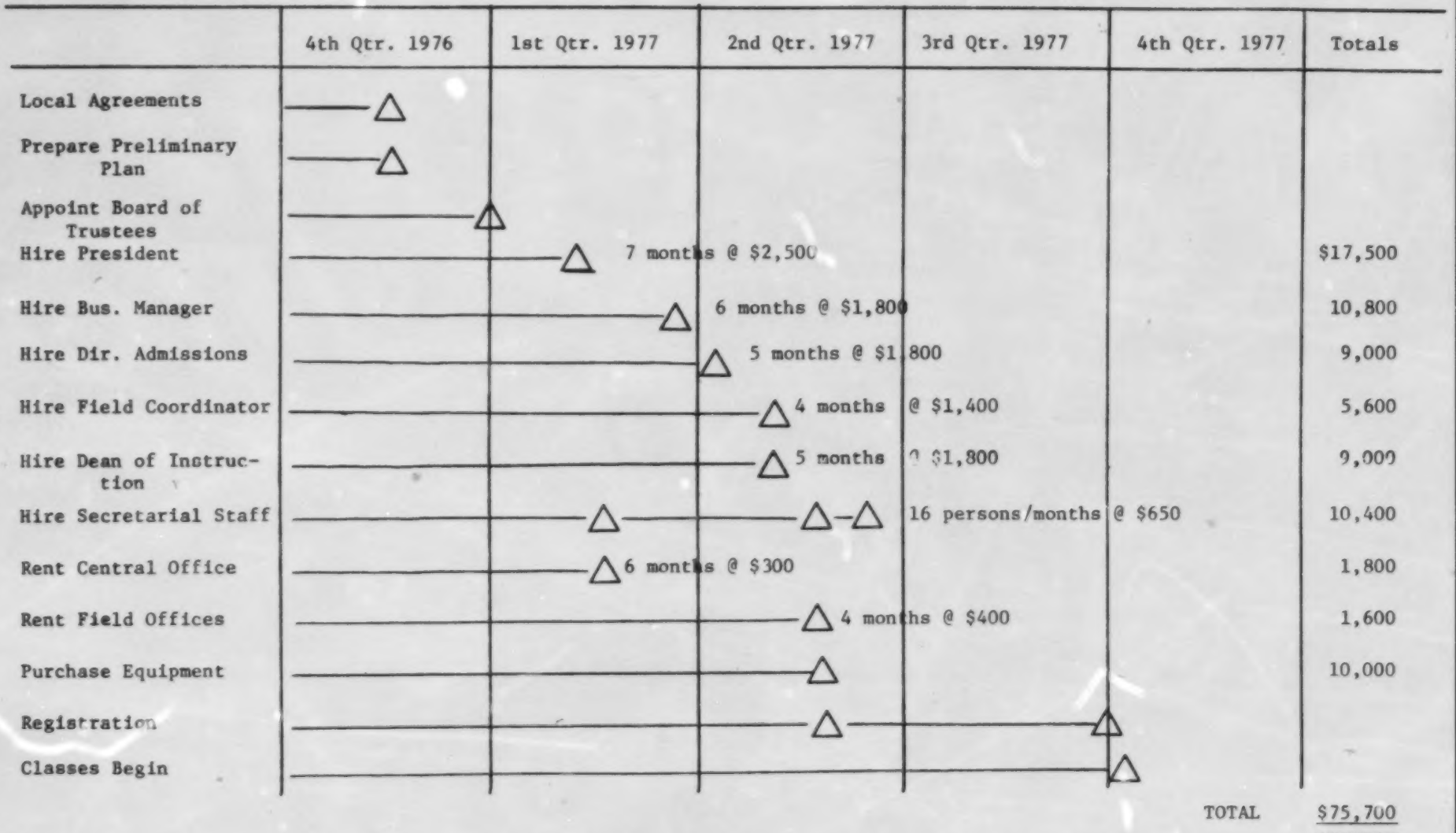

Figure 4. Estimated Administrative Start-Up Costs

ESTIMATED EXPENDITURES		ESTIMATED REVENUES		
		State Share	Counties Share	Student Share (Tuition)
Year 1 - 150 FTE including 57 vocational.				
Administration	$151,000			
Instruction	80,000			
	$231,000	$77,000 Basic 8,500 Voc. $85,500	$74,250 ($495/student)	$71,250 (Tuition $475)
Year 2 - 250 FTE including 95 vocational.				
Administration	$184,500			
Instruction	146,600			
	$331,100	$110,400 Basic 14,300 Voc. $124,700	$96,000 ($384/student)	$110,400 (Tuition $442)
Year 3 - 350 FTE including 133 vocational.				
Administration	$203,000			
Instruction	226,000			
	$429,000	$143,000 Basic 20,000 Voc. $163,000	$123,000 ($351/student)	$143,000 (Tuition $408)
Year 4 - 450 FTE including 171 vocational.				
Administration	$223,000			
Instruction	319,000			
	$542,000	$181,000 Basic 26,000 Voc. $207,000	$154,000 ($342/student)	$181,000 (Tuition $402)
Year 5 - 500 FTE including 190 vocational.				
Administration	$245,000			
Instruction	390,000			
	$635.000	$212,000 Basic 29,000 Voc. $241,000	$182,000 ($364/student)	$212,000 (Tuition $424)

Figure 5. Expenditure and Revenue Estimates - Five Years.

First year administrative costs are based on the following estimates (fringe benefits at 22% included in salary costs):

President	$ 30,000	
Director of Admissions	21,600	
Dean of Instruction	21,600	
Business Manager	21,600	
Field Coordinator	16,800	(increased to two after first year)
Secretary (3 @ $7,800)	23,400	(increased after first year)
Rental of Office Space	6,000	
Equipment and Supplies	10,000	
TOTAL	$151,000	

Cost estimates for the second year assume the addition of a second Field Coordinator and a general 10% increase in cost. The 10% inflator is also utilized for estimates for later years.

Instructional costs are estimated at $533 per FTE student for the first year with 10% increase built-in for the later years. The per student cost is based on the following assumptions:

(1) 150 FTE each taking 4 courses requiring 600 registrations.

(2) Assuming 15 students per class, the 600 registrations would require 40 sections of instruction.

(3) It is assumed that an instructor and materials for a 3-credit course can be obtained for $1,000 per semester. With 40 sections, this would represent a cost of 40 x $1,000 x (2 sem) = $80,000.

(4) Since these relationships are linear, $\frac{\$80,000}{150 \text{ FTE}} = \underline{\$533.}$

It is recognized that some classes will exceed the average cost of $1,000 and some will be less. In addition, if class sizes are larger than 15 the FTE cost will be lower and if small class sizes are experienced, the cost will be higher. However on balance, based on available information, the estimators above appear realistic and conservative.

Cost Sharing Suggestions

If the three counties proceed with implementation of the community college program, some formula must be devised to share the local costs. It is expected that a final formula will be agreed upon by the Commissioners at a later date, however to illustrate the approximate costs to each county, a suggested cost sharing formula has been developed and is presented here for consideration.

There are a number of county characteristics related to the benefits and services of a community college program. Total population is related to the number of persons having access to the programs and who may take advantage of them. Real estate assessed valuations are also often used in regional cost sharing because they are a measure of the assets, or in a sense the wealth of the different counties, as well as being the basis against which most taxes are levied. Since different counties may have different assessment ratios on market value, the assessed value is not as good a measure as the market value. Total revenues or total taxes collected are also often used as cost sharing factors. Total revenue has the disadvantage of including grants which do not represent a local source of funds. Total taxes collected are suggested as a measure of local resources which could be provided for community college education services.

Using data from "Local Government Financial Statistics, 1974" Department of Community Affairs, Commonwealth of Pennsylvania, the population, market value of real property, and total taxes collected are illustrated in the following table for the three counties.

County	Population	Market Value (in thousands)	Tax Collected (in thousands)	Average
Cameron	7,096 (5.9%)	$ 32,389 (6.2%)	$ 173 (7.3%)	6.5%
Clearfield	74,619 (62.5%)	320,370 (61.6%)	1,340 (56.2%)	60.1%
Elk	37,770 (31.6%)	167,347 (32.2%)	871 (36.5%)	33.4%
TOTALS	119,485	$520,105	$2,384	100%

Applying the average shares to the estimates of local costs identified earlier would result in the following costs to each of the counties for the start-up period and through the first five years of operation:

	Cameron	Clearfield	Elk	Total Local Share
Start-Up	$ 2,460	$ 22,748	$12,642	$ 37,850
Year 1	4,826	44,624	24,800	74,250
Year 2	6,240	57,696	32,064	96,000
Year 3	7,995	73,923	41,082	123,000
Year 4	10,010	92,554	51,436	154,000
Year 5	11,830	109,382	60,788	182,000

It should be noted that, although the local shares increase over the five-year period, projected enrollment is increasing at a greater rate and the actual cost per student is decreasing over the period. An active program for obtaining grants, bequests, gifts and other sources of revenue will have the potential for reducing the local share.

Potential Sources of Financial Assistance for Local Share

There are a variety of sources of financial assistance which have the potential for reducing the county's share of the cost. Preliminary investigations by the County Commissioners and, later active searching by the Board of Trustees and the administrative staff should be undertaken to identify these sources specifically and to make appropriate applications. At this stage of the program planning, examples of some of the possible sources can be tentatively identified for later detailed exploration.

The 1976 amendments to the Federal Vocational Education Act, expected to be signed into law in autumn of 1976, provides for a continuation of the various programs of financial assistance resulting from the 1972 and 1968 and earlier amendments. Of particular significance to the study area is Part G. of the proposed bill providing for special energy education. Specifically this section provides for $5 million in fiscal 1978 and $10 million per year for the next three years for

grants to postsecondary educational institutions to carry out programs for the training of miners, supervisors, technicians (particularly safety personnel) and environmentalists in the fields of coal mining and coal mine technology. The grants may cover costs of instruction and equipment and materials in curriculums such as (i) the extraction, preparation and transportation of coal; (ii) the reclamation of coal mined land, (iii) the strengthening of health and safety programs, (iv) the disposal of coal mine wastes, and (v) the chemical and physical analysis of coal and materials that are involved in the coal mining process. The intent is to enable coal mine employees to upgrade their skills. Grants may be for 100% of the costs.

In addition to the program described above, the Nurse Training Act of 1971 provides financial assistance to help schools of nursing and other institutions improve the quality and availability of nursing education. These funds can be used for salaries of personnel employed in a nursing education project, operating expenses, administrative costs and others. Assistance can be provided for up to five years and there is no matching funds requirement.

Other programs of potential interest include the CETA (Comprehensive Employment Training Act) program, and the continuation of the revenue sharing program which is expected to be enacted shortly. The previous revenue sharing program prohibited local governments from spending the funds for education, however this restriction may be removed from any new programs.

As noted earlier, there are numerous potential sources of federal and state assistance. In addition, the possibilities of grants and gifts from both charitable and corporate foundations exist. A well-planned and aggressive program for obtaining assistance should receive immediate attention.

APPENDIX I

BRIEF DESCRIPTION OF

STUDY AREA

BRIEF DESCRIPTION OF THE STUDY AREA

Physiography

The three counties of Cameron, Clearfield and Elk are all located on the Allegheny Plateau section of central Pennsylvania and the land is quite hilly and mountainous. Cameron County in particular is noted for steep mountainous and deep ravines, while both Clearfield and Elk Counties have some areas of broad, rolling mountaintops. Because of the sharp relief, Cameron County has only three percent of its total area cleared of forests. Elk County has only nine percent of its land unforested and Clearfield County, which is the fourth largest in the State, has 83 percent of its land in forests. These natural features have dictated the settlement patterns and major lines of communication among the communities in the study area.

Transportation Network and Settlement Patterns

The map of Towns and Roadways illustrates a basic difference between Cameron and Elk Counties on the one hand, and Clearfield County which comprises the southern half of the study area. The extent of mountainous terrain in the two northern counties has not only limited the total number of settlements, it has also confined most of the roadways linking the towns to the river and stream valleys. Despite the limited number of highways, the only sectors which are not more or less directly linked by primary roads are east central Clearfield County and southeastern Cameron County. However, this represents a small proportion of the population of Cameron County which does not have direct access to the other major regions in the study area. In addition to Interstate 80, which traverses Clearfield County, the southern half of the study area is interlaced with many secondary roads to complement the primary road system.

There are five major population clusters in the study area. These include every municipality in the three counties with a population of more than 5,000 persons. However, the two largest municipalities in Cameron

County (Emporium and adjacent Shippen Township) have a combined population of only 5,900. The other major population centers are at DuBois, Clearfield, Ridgway and St. Marys.

An evaluation of the locations of the major population clusters and the road network suggests those areas where the location of potential community college programs could best serve the population of the study area. Points in or near the towns of Clearfield, DuBois, Ridgway, Saint Mary's, and Emporium would be reasonably accessible to the greatest number of persons. On the other hand, points in southern Clearfield County, the northwestern sector of Elk County or southeastern Cameron County may adequately serve a sufficient number of persons.

Economy

There are some strong similarities among the three counties in their economic characteristics. In each case, manufacturing is the major employer, followed by either services or retail trade. As might be expected because of its larger population, Clearfield County has relatively more retail trade activity than either Cameron or Elk Counties. The following table illustrates the employment patterns:

1973 COUNTY BUSINESS PATTERNS

	Number of Establishments/Employees		
	Cameron	Clearfield	Elk
Agriculture, forestry, fisheries	--	5/36	1/n.a.
Mining	2/n.a.	69/1,174	12/288
Contract Construction	10/42	119/1,054	27/164
Manufacturing	18/1,689	100/6,302	75/8,573
Transportation and other Public Utilities	8/39	98/1,844	31/462

STUDY AREA
TOWNS AND ROADWAYS

	Number of Establishments/Employees		
	Cameron	Clearfield	Elk
Wholesale Trade	5/12	79/738	27/264
Retail Trade	46/318	395/3,626	196/1,297
Finance, Insurance and Real Estate	9/45	70/619	28/289
Services	35/290	321/2,581	152/1,507
Unclassified Establishments	1/n.a.	8/18	8/n.a.
Federal Civilian Employment	1/12	1/145	1/62

Source: Pennsylvania Census Series M-5-74

Per capita income in each of the three counties is estimated to be below the 1972 figure for Pennsylvania ($3,711). The U.S. Bureau of the Census estimated the per capita income of Cameron County to be $3,342, or 90 percent of the State average; Clearfield County estimated at $2,824 (76 percent); and Elk County had an estimated per capita income of $2,937, or 79 percent of the Pennsylvania average.

Population

The overall population trends of the three counties have been characterized by slow growth or slight decline. Both Clearfield and Cameron Counties recorded their maximum populations prior to 1930. Elk County's growth, though slow, has placed its population during the 1970 census at the highest ever recorded. The 1960 and 1970 populations, and projected population change to 1980 are shown on the following table:

POPULATION CHANGE 1960 TO 1980

	1960 Population	1970 Population	Actual Change	Projected Change to 1980	Projected 1980 Population
Cameron	7,586	7,096	-490	-220	6,876
Clearfield	81,534	74,619	-6,915	-3,496	71,123
Elk	37,328	37,770	442	7	37,777

Source: U.S. Bureau of the Census and "Population Projections for Pennsylvania and Counties", Pennsylvania Department of Education, September, 1975.

Education Characteristics and Attainment

The table below lists a number of pertinent characteristics with regard to the present status of education within the study area.

EDUCATION CHARACTERISTICS

	Cameron County	Clearfield County	Elk County	Statewide Average
Per Pupil Expenditures as percent of State Average	91.0%	84.7%	84.3%	100%
Median School Years Completed				
Male	12.1%	10.5%	11.7%	12.0%
Female	12.1%	11.6%	12.2%	
Percent High School Graduates				
Male	52.9%	41.2%	47.4%	51.6%
Female	54.1%	47.6%	56.9%	
Percent College Graduates				
Male	14.0%	10.0%	12.9%	15.8%
Female	11.2%	9.3%	11.6%	

Source: Bureau of the Census, 1970 Census of Population PC (1)-B40; and the Pennsylvania Department of Education.

These figures indicate that the three counties are below the average for Pennsylvania in regard to the proportion of persons who have completed four years of college, and are at approximately the same level in terms of years of school and the percent of high school graduates. There is an interesting relationship between the percentage of per-pupil expenditures in Cameron County and the educational attainment of its citizens as compared with

the other two counties. While these figures alone do not demonstrate a clear relationship, it initially appears that the higher expenditures in Cameron County have provided some benefits.

APPENDIX II

INFORMATION BROCHURE

(Copies of this brochure were widely distributed among schools, libraries, municipalities, organizations and other outlets.)

The Commissioners of Cameron, Clearfield and Elk Counties are making this brochure available to inform the citizens of the area of some of the new approaches to two-year post-secondary education. The Commissioners are working with the Department of Education in sponsoring a survey and study of whether the need exists for such programs in the area.

ADDITIONAL EDUCATION IN THE CAMERON, ELK AND CLEARFIELD COUNTY AREA — HOW AND WHY

Two-year postsecondary education consists basically of learning opportunities beyond high school which can lead to personal or cultural improvements, a two-year certificate or associate degree in a career field, or which may constitute the first two years of a baccalaureate degree program which may be completed at a four-year institution. Postsecondary education in Pennsylvania is delivered through community colleges, state-owned and state-related colleges and universities, area vocational technical schools, private four-year colleges and junior colleges, and other types of institutions.

In Pennsylvania the Community College Act of 1963 provides a mechanism through which a county or several counties working together can sponsor post-secondary education programs to fit local needs and desires. The intent of the law and of the State Board of Education is that all citizens should have access to comprehensive postsecondary educational opportunities meeting the requirements of the youth and adults of the community.

HOW MIGHT ADDITIONAL POSTSECONDARY EDUCATION PROGRAMS OPERATE IN OUR AREA?

Because of the high cost of constructing and maintaining buildings, one current approach to post-secondary education in Pennsylvania is directed toward the concept of a "college without walls". This means that no buildings would be constructed -- but rather that existing public facilities would be used. Classroom and laboratory space in existing public and parochial schools, libraries, and other buildings would be contracted for or rented. Perhaps contracts would be made with existing post-secondary education institutions in the area to provide particular courses.

WHAT PROGRAMS MAY BE OFFERED?

The programs which can be offered are determined largely by the specific needs and desires of the local area and the availability of faculty, space and other facilities which may be required. For example, most community colleges in Pennsylvania offer:

-- Vocational programs at the two-year level or less, some of which result in an Associate Degree;

-- The first two years of a baccalaureate program through which a student can transfer to a four-year institution to complete his college education;

-- Opportunities for residents to take a variety of courses of interest for their own self-improvement.

WHAT ARE THE ADMISSIONS REQUIREMENTS?

Because these programs are supported in part by local funds, they are aimed largely at the population of the sponsoring counties. Persons from outside the sponsoring counties must pay a higher tuition. It is the policy of the State Board of Education that admission be granted to all bonafide applicants. Developmental programs shall be available for those students who require remedial or improvement study before entering one of the established curriculums. Admission into the program is assured, however admission to a specific curriculum will depend upon reasonable evidence of success in that curriculum. Programs are open to persons whether they have graduated from high school or not, and no age or other restrictions are imposed.

WHO RUNS A "COLLEGE WITHOUT WALLS"?

If the local sponsor is one or more county governments, as is the case in most Pennsylvania community colleges, the county commissioners would appoint a Board of Trustees from the local area to serve without pay to supervise and administer the college programs. Among other duties, the local Board would appoint and set the salary for a President, obtain necessary supplies, enter into contracts to provide educational programs, and accept gifts of real and personal property as well as federal, state and local grant funds for operation.

WHO PAYS FOR THESE SERVICES?

Funds to pay for operating costs, instructors, rent of space, contracts with other institutions and to administer the college program come from four basic sources:

- -- Tuition charged to students can cover up to one-third of the operating costs;
- -- Appropriations by local sponsors, in this case the participating counties will account for up to one-third;
- -- The Commonwealth of Pennsylvania will pay up to one-third of the cost not to exceed a payment of $500 per student;
- -- For students in certain vocational education programs, the Commonwealth will pay an additional amount up to $150 per student per year.

WHAT DOES IT COST TO PARTICIPATE?

Expected tuition costs will be one of the results of the current feasibility study, as will a determination of what, if any, programs are desired by local area residents. Typically, tuition costs at community colleges elsewhere in Pennsylvania average $240 per semester for a full-time student. Part-time costs average about $21 per credit hour. This relatively low cost is possible because of State financial assistance and because the concept of a "college without walls" avoids large capital expenditures.

Enrollment would open up a wide range of financial assistance opportunities. Financial assistance would be available from such sources as PHEAA, Basic Education Opportunities Grants, the National Defense Student Loan Program, the G.I. Bill, Nursing Education Act Loans, and others.

Your views may be expressed on the survey forms received through your schools, as printed in the local newspaper, or available from other local sources. Please obtain a survey form, complete it and see that it is returned to your child's school or to the County Commissioners' Office.

APPENDIX III

SURVEY FORMS

STUDENT SURVEY

This survey is being conducted to learn more of the future educational and work plans of high school students in the Cameron, Clearfield and Elk County area. The results will be used to help determine whether a need exists for a Community College to serve the area. Thank you for your cooperation.

1. YOUR NAME (Optional)_____ 3. (Circle) Male (1) or Female (2)

2. NAME OF YOUR SCHOOL _____ 4. (Circle) Grade: 10 (1) 11 (2) 12 (3)

---

5. Circle the County in which you live: Cameron (1) Elk (2) Clearfield (3) Other (4)

6. In what course of study are you presently enrolled?

1___ Business or Commercial
2___ College Preparatory
3___ Vocational Trades
4___ Vocational Homemaking
5___ Vocational Agriculture
6___ General
7___ Other: Specify on Line Below _____

7. What do you estimate your overall grade average to be?

___A (1) ___B (2) ___C (3) ___D (4) ___Below D (5)

8. Are you planning to continue your formal education after graduation from high school?

___ Yes (1) ___ Undecided (2) ___ No (3)

9. If you answered YES or UNDECIDED in Question #8, please check the college, university or other type of education which you have in mind -

1___ Penn State University including DuBois and other branch campuses
2___ Clarion State College
3___ University of Pittsburg including Bradford and other branch campuses
4___ Indiana Univ. of Pennsylvania
5___ Lock Haven State College
6___ DuBois Business College
7___ Williamsport Area Community College
8___ Other college or university (Specify) _____
9___ Other business, technical or nursing school (Specify) _____

10. If you answered NO in Question #8, please check the one or more reasons from the list below -

1___ Want to get a full time job
2___ Parents don't want me to
3___ Not confident
4___ Want to get married
5___ Can't afford it
6___ Plan to enter a trade school
7___ Entering armed services
8___ Tired of school
9___ Other reasons

11. If Community College or technical institute programs were available to you within a reasonable driving distance in the Clearfield-Elk-Cameron area with a tuition of approximately $500 per year, would you plan to attend?

___ Yes (1) ___ Probably (2) ___ Uncertain (3) ___ No (4)

12. If your answer to Question #11 is Yes or Probably please check ONE or MORE of the reasons why below:

___ Can Live At Home (1) ___ Can Keep Job and Attend (2) ___ My Help Needed at Home (3) ___ Low Cost (4)

___ Other (Specify On Line Below) (5) _____ ___ Be Near Present Friends (6) ___ Can Improve Scholastic Record (7)

13. If your answer to #11 is Yes or Probably, which one of the programs below would you most likely choose?

___ (20-1) College transfer such as Liberal Arts and Sciences

___ (20-2) Technical Training such as Drafting, Electronics, Data Processing, etc.

___ (20-3) 2-year Professional Career Training such as Nursing, Dental or Medical Technology, Legal or Medical Secretary, etc.

14. What vocation (employment) have you considered entering when you complete further education or training?

1 ___ Accounting
2 ___ Agriculture
3 ___ Architecture
4 ___ Armed Services
5 ___ Arts
6 ___ Athletics
7 ___ Beautician or Barber
8 ___ Building Trades
9 ___ Business
10 ___ Chemistry
11 ___ Conservation
12 ___ Dentist
13 ___ Dental Technology
14 ___ Designing
15 ___ Drafting
16 ___ Electronics
17 ___ Engineering
18 ___ Entertainment
19 ___ Finance
20 ___ Food Services
21 ___ Government
22 ___ Home Economics
23 ___ Homemaking
24 ___ Hotel
25 ___ Industrial Worker
26 ___ Journalism
27 ___ Lawyer
28 ___ Law Enforcement
29 ___ Mathematics
30 ___ Mechanics
31 ___ Medicine
32 ___ Metal Trades
33 ___ Ministry
34 ___ Musician
35 ___ Newspaper
36 ___ Nursing
37 ___ Practical Nurse
38 ___ Printing Trades
39 ___ Psychology
40 ___ Radio-TV
41 ___ Selling-Retailing
42 ___ Scientist
43 ___ Secretarial
44 ___ Skilled Tradesman
45 ___ Social Work
46 ___ Teaching
47 ___ Technician
48 ___ Transportation
49 ___ Other (Specify)
50 ___ _____
51 ___ Undecided

ADULT SURVEY

This survey is being conducted to help your local officials and the Department of Education to determine the amount of interest and need for a Community College/Technical Institute which might serve the residents of Clearfield, Elk and Cameron Counties. If a need is evident and if such a college or institute is organized, it would utilize existing public facilities and no buildings would be built. The educational programs would be tailored to the specific needs and desires of the local area and would be supported by local funds, state and federal funds, and tuition fees.

Your cooperation in answering the questions below is respectfully requested. You are asked to express your feelings as to the need in general, as well as to indicate whether you might personally take advantage of the educational programs.

When you have completed the questionnaire, please ask your child to return it to his or her homeroom teacher. Thank you for your assistance.

YOUR NAME (optional) _____ Your Sex: Male ___ (1) Female ___ (2)

Are you a parent of a school age child? ___ (1) Yes ___ (2) No

Name of your child's school district _____

Circle the County in which you live Cameron (1) Elk (2) Clearfield (3) Other (4)

1. Have you completed high school? ___ (1) Yes ___ (2) No

   If you have attended college, how many years did you complete? ___

2. Do you feel the need for a community college in the Clearfield, Cameron and Elk County area? ___ (1) Yes ___ (2) No

3. If Community College or technical institute programs were available to you within a reasonable driving distance in the Clearfield-Elk-Cameron area with a tutition of approximately $20 per credit would you plan to attend? ___ (1) Yes ___ (2) Probably ___ (3) No ___ (4) Uncertain

4. If you answered Yes or Probably to #3 would you like to enroll in:

   ___ (1) PART-TIME EVENING

   ___ (2) PART-TIME DAY

   ___ (3) FULL-TIME

5. In what area of study are you most interested?

___ 1 College transfer such as Liberal Arts and Sciences

___ 2 Technical Training (Such as Drafting, Technical Electronics, Data Processing, etc.)

___ 3 Two-year Professional Career Training (Such as Nursing, Dental or Medical Technology, Legal or Medical Secretary, etc.)

___ 4 Cultural Improvement

___ 5 General Knowledge

6. If you answered question #5, what vocational (employment) area do you hope to pursue through additional education?

Each Respondent Mark Only One

1___ Accounting
2___ Agriculture
3___ Architecture
4___ Armed Services
5___ Arts
6___ Athletics
7___ Beautician or Barber
8___ Building Trades
9___ Business
10___ Chemistry
11___ Conservation
12___ Dentist
13___ Dental Technology
14___ Designing
15___ Drafting
16___ Electronics
17___ Engineering
18___ Entertainment
19___ Finance
20___ Food Services
21___ Government
22___ Home Economics
23___ Homemaking
24___ Hotel
25___ Industrial Worker
26___ Journalism
27___ Lawyer, Judge
28___ Law Enforcement
29___ Mathematics
30___ Mechanics
31___ Medicine
32___ Metal Trades
33___ Ministry
34___ Musician
35___ Newspaper
36___ Nursing
37___ Practical Nurse
38___ Photography
39___ Printing Trades
40___ Psychology
41___ Radio-TV
42___ Selling-Retailing
43___ Scientist
44___ Secretarial
45___ Skilled Tradesman
46___ Social Work
47___ Teaching
48___ Technician
49___ Transportation
50___ Undecided

BUSINESS - INDUSTRY SURVEY

This survey is being made to help determine whether there is a need for a two-year Community College or Technical Institute in the Cameron, Clearfield and Elk County area. Its purpose is to secure information on the requirements of business, industry, and community services for trained people; and the type of training and education that will best prepare them for these positions. The information you give us will be kept confidential. Neither your firm nor specific information regarding it will be identified in any way in the reports. If you would prefer to omit the names of the business and the person completing the questionnaire, please feel free to do so. Your cooperation in answering this questionnaire will be appreciated very much.

Name of Business or Industry _____ Date _____

Type of Business or Industry _____

Name and Title of Person Reporting _____

1. What is your average number of regular employees? _____

2. Approximately what percentage of your employees are in jobs that require training beyond the high school level, but less than the bachelor's degree?

   __ None __ 1% - 20% __ 21% - 40% __41% - 60% __61% - 80% __ 81% - 100%

3. Do you expect to have employment opportunities in your organization for people with two years of technical or semi-professional training beyond high school? __Yes __No

4. Do you expect your organization's need for employees with education beyond high school to increase during the next ten years? __ Yes __ No

5. Could employees with two years of technical training beyond High School perform some of your organization's technical-level work, thereby permitting your college graduates to spend more of their time on professional-level work? __Yes __No

6. If an opportunity were available, approximately what percentage of your present employees do you feel would like to obtain schooling beyond high school, but not necessarily at the bachelor's degree level?

   __ None __ 1% - 20% __ 21% - 40% __41% - 60% __61% - 80% __ 81% - 100%

7. How well do existing post secondary educational facilities in the area meet the education and training needs of your employees?

   __ Very well __ Fairly Well __ Inadequately __Don't Know

8. How well do existing post secondary educational facilities in the area meet the needs of your organization for employees at less than the college graduate level?

   __Very Well __ Fairly Well __ Inadequately

9. Does your organization have a formal incompany educational training program for less than college graduate level employees? __ Yes __No

10. Do you feel that two years of community college-level training provided in the area would be a helpful supplement to your existing training programs? __Yes __No

11. Would two years of community college training be recognized by your organization specifically for:

__ Hiring Qualified Personnel __ Job Advancement __Higher Pay __ None of the Above

Other (Specify) _____

12. What would be your organization's attitude toward the establishment of an institution in Elk County, offering both (1) two-year programs of training; and (2) two-year programs of liberal arts, transferable to a four-year college or university?

__Very Favorable __Favorable __Undecided __Unfavorable

13. Please mark the types of training that would be of value to your organization, if provided by a two-year post-high school program.

__ Advertising
__ Agriculture (Economics, Engineering, etc.)
__ Air Conditioning & Refrigeration
__ Applied Mathematics
__ Applied Science
__ Apprentice Training
__ Banking
__ Bookkeeping & Accounting
__ Building Trades
__ Business Machines
__ Business Management
__ Clerical Practice
__ Computer Technology
__ Data Processing Technician
__ Drafting & Print Reading
__ Economics & Government
__ Electric Wiring & Meters
__ Electronics
__ Engineering Technician
__ English & Speech
__ Foreign Language
__ Industrial Chemistry
__ Instrumentation & Plant Control
__ Inspection & Quality Control
__ Laboratory Technician
__ Labor-Management Relations
__ Law Enforcement & Related
__ Literature & History
__ Machine Shop Practice
__ Machine Technology
__ Management Development
__ Marketing
__ Mathematics, Theory
__ Mechanics (Auto, Diesel)
__ Mental Hygiene
__ Metallurgy
__ Photographic Processes
__ Physics
__ Plant Protection
__ Product Design
__ Purchasing
__ Retailing-Merchandising
__ Sales Representative
__ Secretarial
__ Technical Writing & Reporting
__ Welding
__ Other (Specify) _____
_____

PLEASE RETURN THE COMPLETED QUESTIONNAIRE TO:

Citizen Attitude Survey
P.O. Box 768
State College, Pennsylvania 16801

PROFESSIONAL NEEDS SURVEY

This survey is being made to help determine whether there is a need for a two-year Community College or Technical Institute in the Cameron, Clearfield and Elk County area. Its purpose is to secure information on the requirements of the professions for trained people; and the type of training and education that will best prepare them for these positions. The information you give us will be kept confidential. Neither your firm nor specific information regarding it will be identified in any way in the reports. If you would prefer to omit the name of the person completing the questionnaire, please feel free to do so. Your cooperation in answering this questionnaire is appreciated very much.

Profession _____ Date _____

Location _____

Name and Title(If Any) Of Person Reporting _____

1. What is the total number of employees in your organization?

   __ 1 - 3 __ 4 - 6 __ 7 - 10 __ 10 - 15 __ 16 or over

2. In your professional field, do you feel a need for two-year community college-trained personnel? ___ Yes ___ No

3. Are your present needs for such personnel served by existing post secondary educational facilities in the area? ___ Yes ___ No

4. If a two-year community college offering occupational programs in your field were established in the area, do you feel you would have a need for its graduates?
   ___ Yes ___ No

5. What specific type(s) of occupational training program(s) would be desirable to your profession? (Indicate all which would be of use).

__ Accounting
__ Commercial Broadcasting
__ Data Processing
__ Dental Assistant
__ Dental Hygienist
__ Drafting
__ Economics & Government
__ Electronics Technology
__ Engineering Technology
__ Executive Secretarial
__ _____
__ _____

__ General Business
__ General Secretarial
__ Health & Welfare Services
__ Legal Secretarial
__ Medical Lab Technician
__ Medical Secretarial
__ Nursing
__ Offset Printing
__ Photographic Processes
__ Physical Therapy
__ Technical Writing
__ _____

6. If a two-year community college were established in your area would you consider yourself a potential resource for the part-time instructional staff?

   __ Yes __ No __ Undecided

PLEASE RETURN THE COMPLETED QUESTIONNAIRE TO:

Citizen Attitude Survey
P.O. Box 768
State College, Pennsylvania 16801

APPENDIX IV

DETAILED SURVEY

RESPONSES

RESPONSES TO STUDENT SURVEY

The first two questions on the student survey requested the name and school of the student completing the questionnaire.

Question 3: "SEX" The number of males and females completing the survey is shown below.

	Cameron	Clearfield	Elk	Total
Male	116	1177	701	1994
Female	148	1137	750	2035

Question 4: "GRADE LEVEL" The response to this question is shown in the following breakdown by grade and county.

Grade	Cameron	Clearfield	Elk	Total
10	84	965	486	1535
11	70	739	424	1233
12	110	591	518	1219

Question 5: "Circle the County in which you live:"

	Cameron	Clearfield	Elk	Other
Number of Responses	284	2375	1500	479

Question 6: "In what course of study are you presently enrolled?" The total number of responses for all three counties is:

863 - Business or Commercial	67 - Vocational Agriculture
1,594 - College Preparatory	915 - General
20 - Vocational Homemaking	148 - Other
412 - Vocational Trades	

Question 7: "What do you estimate your overall grade average to be?"

Totals for Three Counties

A - 604

B - 2112

C - 1239

D - 126

Below D - 19

Question 8: "Are you planning to continue your formal education after graduation from high school?"

	Cameron	Clearfield	Elk	Total
Yes	149	873	692	1714
Undecided	65	615	362	1042
No	70	887	446	1403

Of the 4159 responding, 1714(41%) replied yes. Although 1403(34%) responded that they were not going to continue their formal education after graduation, the following table shows how many of these respondents changed their mind and answered YES or PROBABLY to question 11 which asked whether they would plan to attend a low cost community college or technical institute if it were available to them within a reasonable driving distance in the Clearfield-Elk-Cameron area.

	Cameron	Clearfield	Elk	Total
Yes	2	39	30	71
Probably	14	112	64	190
Total	16	151	94	261

As the totals in the table above illustrate there is a significant number of pupils (261) who are presently not planning to continue their formal education after graduation from high school but would plan to attend a community college or technical institute if it were within reasonable driving distance and had a tuition of approximately $500 per year.

Question 9: "If you answered YES or Undecided in question 8, please check the college, university or other type of education which you have in mind."

Cameron	Clearfield	Elk	Total	
36	407	193	636	Penn State University including DuBois and other branch campuses
10	94	48	152	Clarion State College
18	59	68	145	University of Pittsburg including Bradford and other branch campuses
11	89	50	150	Indiana University of Pennsylvania
12	42	21	75	Lock Haven State College
13	122	57	192	DuBois Business College
6	78	45	129	Williamsport Area Community College
71	380	379	830	Other college or university
27	226	130	383	Other business, technical or nursing school

Question 10: "If you answered NO in question No. 8, please check one or more reasons from the list below."

Cameron	Clearfield	Elk	Total	Reason
36	563	245	844	Want to get a full time job
2	16	5	23	Parents don't want me to
3	43	15	61	Not confident
8	162	63	233	Want to get married
7	163	39	159	Can't afford it
9	90	65	164	Plan to enter a trade school
16	82	70	168	Entering armed services
15	236	120	371	Tired of school
12	122	67	251	Other reasons

Question 11: "If Community College or technical institute programs were available to you within a reasonable driving distance in the Clearfield-Elk-Cameron area with a tuition of approximately $500 per year, would you plan to attend?"

The answers are tabulated in table and are reported by school and grade.

	Yes	Probably	Uncertain	No	Total
Totals					
Grade 10	155 (10%)	360 (25%)	561 (38%)	386 (26%)	1462 (100%)
Grade 11	151 (13%)	313 (27%)	420 (36%)	291 (24%)	1175 (100%)
Grade 12	176 (15%)	273 (24%)	331 (29%)	359 (32%)	1139 (100%)
Totals					
Cameron	24 (8%)	64 (23%)	107	75	
Elk	223 (15%)	365 (24%)	471	335	
Clearfield	259 (11%)	575 (24%)	671	679	
Total	506 (13%)	1004 (26%)	1249 (32%)	1089 (28%)	
Cameron					
Grade 10	8	18	35	15	76
Grade 11	3	16	31	13	63
Grade 12	9	22	37	36	104
	20	56	103	64	243
Clearfield					
Grade 10	24	63	105	95	287
Grade 11	31	47	86	74	238
Grade 12	19	49	65	82	215
	74	159	256	251	740

	Yes	Probably	Uncertain	No	Total
Curwensville					
Grade 10	0	2	1	0	3
Grade 11	7	2	2	3	14
Grade 12	2	1	2	3	8
	9	5	5	6	25
DuBois					
Grade 10	12	58	73	67	210
Grade 11	10	55	59	54	178
Grade 12	25	39	48	65	177
	47	152	180	186	565
Glendale					
Grade 10	6	14	32	20	72
Grade 11	1	2	5	1	9
Grade 12	2	7	8	6	23
	9	23	45	27	104

	Yes	Probably	Uncertain	No	Total
Harmony					
Grade 10	0	10	9	9	28
Grade 11	2	7	10	5	24
Grade 12	1	8	9	6	24
	3	25	28	20	76
Johnsonburg					
Grade 10	7	18	38	23	86
Grade 11	8	27	43	13	91
Grade 12	28	18	22	24	92
	43	63	103	60	269
Moshannon Valley					
Grade 10	10	20	27	15	72
Grade 11	9	15	28	18	70
Grade 12	15	21	11	5	52
	34	56	66	38	194

	Yes	Probably	Uncertain	No	Total
Philipsburg					
Grade 10	9	23	39	18	89
Grade 11	12	21	21	21	75
Grade 12	0	0	0	1	1
	21	44	60	40	165
Ridgway					
Grade 10	7	21	38	27	93
Grade 11	8	14	15	17	54
Grade 12	10	20	23	34	87
	25	55	76	78	234
St. Mary's					
Grade 10	15	27	73	35	150
Grade 11	21	52	57	30	160
Grade 12	23	53	66	51	193
	59	132	196	116	503

	Yes	Probably	Uncertain	No	Total
West Branch					
Grade 10	13	27	47	36	123
Grade 11	3	10	19	17	49
Grade 12	4	2	4	1	11
	20	39	60	54	183
Parochial					
Grade 10	44	59	44	26	173
Grade 11	36	45	44	25	150
Grade 12	38	33	36	45	152
	118	137	124	96	475

Question 12: "If your answer to Question No. 11 is Yes or Probably, please check one or more of the reasons why below:"

Cameron	Clearfield	Elk	Total	Reason
59	455	193	707	Can Live At Home
44	345	301	690	Can Keep Job And Attend
19	94	42	155	My Help Needed At Home
41	329	254	624	Low Cost
3	43	53	99	Other
25	173	112	310	Be Near Present Friends
6	87	33	126	Can Improve Scholastic Record

Question 13: "If your answer to No. 11 is Yes or Probably, which one of the programs below would you most likely choose?"

Cameron	Clearfield	Elk	Total	Program
19	151	74	244	College transfer such as Liberal Arts and Science
19	273	155	447	Technical Training such as Drafting, Electronics, Data Processing
39	300	152	491	2-Year Professional Career Training such as Nursing, Dental or Medical Technology, Legal or Medical Secretary

Question 14: "What vocation (employment) have you considered entering when you complete further education or training?"

Cameron	Clearfield	Elk	Total	Vocation
3	47	19	69	Accounting
1	19	10	30	Agriculture
	5	7	12	Architecture
4	18	17	39	Armed Services
7	18	17	42	Arts
2	12	13	27	Athletics
4	19	31	54	Beautician or Barber
	12	17	29	Building Trades
2	32	30	64	Business
1	6	1	8	Chemistry
2	16	15	33	Conservation
	7	1	8	Dentist
	11	4	15	Dental Technology
1	12	5	17	Designing
	19	10	29	Drafting
3	37	25	65	Electronics
3	23	15	41	Engineering
1	4	1	6	Entertainment
	5		5	Finance
	15	6	21	Food Services
	4	1	5	Government
	1		1	Home Economics
	3	1	4	Homemaking
	1		1	Hotel
	8	6	14	Industrial Worker
1	11	5	17	Journalism

Cameron	Clearfield	Elk	Total	Vocation
	2	7	9	Lawyer
2	24	15	41	Law Enforcement
	7	2	9	Mathematics
11	38	31	80	Mechanics
3	23	18	44	Medicine
	4		4	Metal Trades
	8	3	11	Ministry
	9		9	Musician
	1	2	3	Newspaper
4	44	14	62	Nursing
	4	3	7	Practical Nurse
	1		1	Printing Trades
	6	6	12	Psychology
	2	4	6	Radio-TV
1	9	1	11	Selling-Retailing
1	2	1	4	Scientist
7	52	41	100	Secretarial
1	9	9	19	Skilled Tradesman
2	16	19	37	Social Work
1	20	24	45	Teaching
1	10	1	12	Technician
3	1	5	9	Transportation
11	99	102	212	Other (Specify)
5	52	22	79	Undecided

RESPONSES TO ADULT QUESTIONAIRE

The number of adults responding by county is presented below:

	Cameron	Clearfield	Elk	Total
Male	92	557	130	779 (31%)
Female	180	1,217	316	1,713 (69%)
	272	1,774	446	2,492
	(11%)	(71%)	(18%)	(100%)

It should again be noted that the totals listed above include only those adults who marked either male or female on the survey form. The total number of adults who completed a survey form from the three-county area is 2,542. There were 402 surveys returned by adults who indicated that they were residents of a county other than Cameron, Elk or Clearfield. Eighty-two adults failed to respond to this question.

Question: "Are you a parent of a school age child?"

	Cameron	Clearfield	Elk	Total
Yes	281	1,717	418	2,416
No	7	74	31	112

Question: "Circle the county in which you live."

Cameron	Clearfield	Elk	Other
290	1,802	450	402

Question 1: "Have you completed high school?"

	Cameron	Clearfield	Elk	Total
Yes	213	1339	380	1932(77%)
No	61	448	68	557(23%)

Question 2: "Do you feel the need for a community college in the Clearfield, Cameron and Elk County area? "

	Cameron	Clearfield	Elk	Total
Yes	252	1303	391	1946(80%)
No	20	419	50	489(20%)

Approximately 8 out of every 10 respondents indicated they felt there is a need for a community college in the area.

Question 3: "If community college or technical institute programs were available to you within a reasonable driving distance in the Clearfield-Elk-Cameron area with a tutition of approximately $20 per credit would you plan to attend? "

	Cameron	Clearfield	Elk	Total	
Yes	67	278	100	445	(18%)
Probably	67	372	115	554	(23%)
Uncertain	77	546	137	760	(31%)
No	58	535	94	687	(28%)

Nine hundred ninety-nine respondents (41%) indicated they would plan to attend. This percentage is slightly higher than the percentage of adult respondents who have indicated that they would attend in other community college feasibility studies.

Question 4: "If you answered Yes or Probably to #3, would you like to enroll in:"

	Cameron	Clearfield	Elk	Total	
Part-Time Evening	89	420	157	666	(69%)
Part-Time Day	29	173	38	240	(25%)
Full-Time	11	30	16	57	(6%)

It is not surprising that the largest percentage of respondents indicated they would like to enroll in part-time evening classes. Most of these adults already have jobs, families and homes to maintain during the day.

Question 5: "In what area of study are you most interested?"

Area of Study	Cameron	Clearfield	Elk	Total	
College Transfer	14	68	20	102	(11%)
Technical Training	18	98	36	152	(17%)
Two Year Professional Career Training	48	191	62	301	(33%)
Cultural Improvements	12	32	16	60	(7%)
General Knowledge	29	220	65	294	(32%)

The two areas of study which received the most interest by adults are two-year professional career training courses and general knowledge courses.

Question 6: "If you answered Question #5, what vocational (employment) area do you hope to pursue through additional education?"

Vocational Area	Cameron	Clearfield	Elk	Total
Accounting	7	29	13	49
Agriculture		5	3	8
Architecture		4		4
Armed Services		1		1
Arts	4	10		16
Athletics	1	3		4
Beautician or Barber	11	27		45
Building Trades	1	10		20
Business	5	33	16	54
Chemistry		1		1
Conservation		4	5	9
Dentist		2		2
Dental Technology	1	10	2	13
Designing	2	2	1	5
Drafting		7	3	10
Electronics	2	12	3	17
Engineering	5	10	3	18
Entertainment	1	1	1	3
Finance	2	4	2	8
Food Services	2	7	2	11
Government	1	2		3
Home Economics	1	6		7
Homemaking	1	4	4	9
Hotel		1	2	3
Industrial Worker		2	3	5
Journalism	3	9	2	14
Lawyer, Judge				0
Law Enforcement	1	5	1	7
Mathematics		2	2	4
Mechanics	1	10	1	12
Medicine	1	10	6	17
Metal Trades		4	1	5
Ministry		5		5
Musician		4	1	5
Newspaper	1		2	3
Nursing	10	47	14	71
Practical Nurse	8	34	12	54

Vocational Area	Cameron	Clearfield	Elk	Total
Photography	1	5		6
Printing Trades		1	1	2
Psychology	1	12	5	18
Radio-TV		3	2	5
Selling-Retailing	1	9		10
Scientist		1		1
Secretarial	6	39	11	56
Skilled Tradesman	1	8	4	13
Social Work	9	25	5	39
Teaching		22	11	33
Technician	2	7		9
Transportation		2		2
Undecided	18	85	32	135

BUSINESS AND INDUSTRY SURVEY

Procedure

One hundred and ninety-two (192) questionaires were sent to business and industries representative of the business and industrial community in Clearfield, Elk and Cameron Counties. Fifty-eight (30%) surveys were returned.

Summary of Survey

Question 1: "What is your average number of regular employees?" The number of employees employed by responding companies ranged from 2 to 2800. A total of 9,588 persons are employed by those companies responding to this question.

Question 2: "Approximately what percentage of your employees are in jobs that require training beyond the high school level, but less than the bachelor's degree?"

None	8 companies
1% - 20%	30 companies
21% - 40%	6 companies
41% - 60%	6 companies
61% - 80%	2 companies
81% - 100%	6 companies
	Total 58 companies

The greatest number of companies (30) reported that between 1% and 20% of their employees require training beyond the high school level.

Question 3: "Do you expect to have employment opportunities in your organization for people with two years of technical or semi-professional training beyond high school?"

Yes - 41 No - 17

Forty-one (41) companies representing 71% of those responding to this question said "yes".

Question 4: "Do you expect your organization's need for employees with education beyond high school to increase during the next ten years?"

Yes - 38 No - 17

Sixty-nine percent said yes, they expect their organizations need to increase.

Question 5: "Could employees with two years of technical training beyond High School perform some of your organization's technical-level work, thereby permitting your college graduates to spend more of their time on professional-level work?"

Yes - 35 No - 17

Question 6: "If an opportunity were available, approximately what percentage of your present employees do you feel would like to obtain schooling beyond high school, but not necessarily at the bachelor's degree level?"

None	
1% - 20%	7 companies
21% - 40%	38 companies
41% - 60%	9 companies
61% - 80%	2 companies
81% - 100%	1 company

Thirty-eight (38) of the companies reported that from 21% to 40% of their employees would like to obtain schooling beyond high school.

Question 7: "How well do existing post secondary educational facilities in the area meet the education and training needs of your employees?"

Very well	- 4
Fairly well	- 29
Inadequately	- 14
Don't Know	- 11

Twenty-four percent of the respondents believe that existing educational facilities in the Clearfield, Cameron and Elk County areas do not meet the educational and training needs of their employees, while 57% believe the needs are met fairly well or very well.

Question 8: "How well do existing educational facilities in the area meet the needs of your organization for employees at less than the college graduate level? "

Very well - 5

Fairly well - 31

Inadequately - 17

Thirty-two percent of the respondents indicated existing educational facilities do not meet the needs of their employees that have less than a college education.

Question 9: "Does your organization have a formal incompany educational training program for less than college graduate level employees? "

Yes - 19 No - 38

The majority (67%) of responding companies do not have training programs for their employees with less than a college level education.

Question 10: "Do you feel that two years of community college-level training provided in the area would be a helpful supplement to your existing training programs? "

Yes - 38 No - 16

Most companies (70%) feel training provided by a community college would be a helpful supplement to their existing training programs.

Question 11: "Would two years of community college training be recognized by your organization specifically for:"

Hiring Qualified Personnel	37
Job Advancement	28
Higher Pay	14
None of the above	7

Question 12: "What would be your organization's attitude toward the establishment of an institution in your County, offering both (1) two-year programs of training; and (2) two-year programs of liberal arts, transferable to a four-year college or university? "

Very Favorable	18
Favorable	19
Undecided	11
Unfavorable	8

Sixty-six percent of the respondents indicated they had a favorable attitude towards the establishment of a community college in their area. Only 14% had an unfavorable attitude towards the establishment of such an institution.

Question 13: "Please mark the types of training that would be of value to your organization, if provided by a two-year post-high school program."

11 Advertising	10 Laboratory Technician
4 Agriculture	11 Labor-Management Relations
7 Air Conditioning & Refrigeration	1 Law Enforcement & Related
10 Applied Mathematics	2 Literature & History
3 Applied Science	20 Machine Shop Practice
15 Apprentice Training	10 Machine Technology
4 Banking	18 Management Development
34 Bookkeeping & Accounting	16 Marketing
5 Building Trades	5 Mathematics, Theory
7 Business Machines	6 Mechanics (Auto, Diesel)
26 Business Management	__ Mental Hygiene
18 Clerical Practice	7 Metallurgy
12 Computer Technology	6 Photographic Processes
8 Data Processing Technician	2 Physics
15 Drafting & Print Reading	4 Plant Protection
__ Economics & Government	10 Product Design
14 Electric Wiring & Meters	9 Purchasing
7 Electronics	11 Retailing-Merchandising
14 Engineering Technician	11 Sales Representative

4 English & Speech	17 Secretarial
__ Foreign Language	7 Technical Writing & Reporting
6 Industrial Chemistry	15 Welding
5 Instrumentation & Plant Control	__ Other (Specify) _____
19 Inspection & Quality Control	_____

The following table represents a summary of the 58 surveys returned, and their responses to questions 5, 8 and 12.

BUSINESS INDUSTRY SURVEY BY NUMBER OF EMPLOYEES

Name of Company	Number of Employees	Question #5	Question #8	Question #12
Under 50 Employees				
	1		Very Well	Favorable
	2	Yes	Fairly Well	Very Favorable
	3	Yes	Inadequately	Very Favorable
	3	No	Don't Know	Undecided
	3	No	Inadequately	Favorable
	4		Don't Know	Unfavorable
	4	No	Fairly Well	Favorable
	8		Fairly Well	Unfavorable
	8	Yes	Don't Know	Undecided
	10	Yes	Inadequately	Favorable
	10		Don't Know	Unfavorable
	11	Yes	Inadequately	Undecided
	12	Yes	Don't Know	Undecided
	12	Yes	Fairly Well	Very Favoarable
	12	Yes	Fairly Well	Undecided
	13	Yes	Fairly Well	Favorable
	14	Yes	Very Well	Favorable
	15	No	Fairly Well	Favorable
	16	Yes	Don't Know	Unfavorable
	17	Yes	Fairly Well	Very Favorable
	17	No	Don't Know	Undecided
	18	Yes	Inadequately	Undecided
	18	No	Don't Know	Undecided
	21	Yes	Fairly Well	Very Favorable
	25	Yes	Fairly Well	Favorable
	28	Yes	Fairly Well	Very Favorable
	30	Yes	Fairly Well	Very Favorable
	30	No	Fairly Well	Favorable
	34	Yes	Inadequately	Very Favorable
	36	No	Don't Know	Undecided
	40	Yes	Inadequately	Very Favorable
	40	Yes	Fairly Well	Undecided
	41	Yes	Inadequately	Very Favorable
	50	No	Don't Know	Favorable

Name of Company	Number of Employees	Question #5	Question #8	Question #12
50 - 100 Employees				
	55	No	Fairly Well	Favorable
	55	No	Very Well	Unfavorable
	63	Yes	Inadequately	Very Favorable
	70	Yes	Fairly Well	Favorable
	70	No	Inadequately	Favorable
	80	Yes	Fairly Well	Very Favorable
	85	Yes	Fairly Well	Favorable
	94	Yes	Inadequately	Very Favorable
	95	No	Fairly Well	Undecided
	100	Yes	Inadequately	Very Favorable
101 - 200 Employees				
	112	Yes	Fairly Well	Favorable
	123	No	Fairly Well	
	180	Yes	Very Well	Unfavorable
	190	Yes	Inadequately	Unfavorable
201 - 300 Employees				
	200	Yes	Fairly Well	Very Favorable
	235	No	Fairly Well	Favorable
	280		Fairly Well	Very Favorable
	300		Fairly Well	Very Favorable
301 - 500 Employees				
	450		Inadequately	Favorable
	450	Yes	Fairly Well	Very Favorable
	495	Yes	Fairly Well	Favorable
Over 500				
	2,400	No	Fairly Well	Favorable
	2,800	Yes	Fairly Well	Unfavorable

PROFESSIONAL SURVEY

Questionaires were sent to 49 professional associations and people providing professional services. Thirteen (27%) surveys were returned. Those surveys returned are representative to the various types of professions located in the Cameron, Clearfield and Elk County areas.

Question 1: "What is the total number of employees in your organization?"

Number of Employees	Organizations	Estimated Total
1 - 3	6	2
4 - 6	6	30
7 - 10		
10 - 15		
16 or over	1	18
	Estimated Total	60

The estimated total of employees involved in the survey is reached by multiplying the median for each group range by the number of organizations responding in each group. Example: Since there are 6 replies who have between 4 - 6 employees 6 x 5 = 30. Eighteen was used for the 16 or over group.

Question 2: "In your professional field, do you feel a need for two-year community college - trained personnel?"

Yes - 6 No - 7

Forty-six percent of the respondents feel there is a need for two-year community college - trained personnel in the Clearfield, Cameron, and Elk County area.

Question 3: "Are your present needs for such personnel served by existing post-secondary educational facilities in the area?"

Yes - 5 No - 7

The majority of the respondents feel their present needs are not served by existing post-secondary facilities in the area.

Question 4: "If a two-year community college offering occupational programs in your field were established in the area, do you feel you would have a need for its graduates?"

Yes - 6 No - 7

Question 5: "What specific types(s) of occupational training program(s) would be desirable to your profession?" (Indicate all which would be of use).

2 Accounting	2 General Business
__ Commercial Broadcasting	3 General Secretarial
__ Data Processing	2 Health & Welfare Services
2 Dental Assistant	2 Legal Secretarial
2 Dental Hygienist	2 Medical Lab Technician
__ Drafting	5 Medical Secretarial
__ Economics & Government	2 Nursing
__ Electronics Technology	__ Offset Printing
__ Engineering Technology	1 Photographic Processes
1 Executive Secretarial	__ Technical Writing

Question 6: "If a two-year community college were established in your area, would you consider yourself a potential resource for the part-time instructional staff?"

9 Yes 2 No __ Undecided

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